

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 041082-0113		SERIAL NO. <b>09/964,662</b> Unassigned		
INFORMATION DISCLOSURE CITATION  (Use several sheets if necessary)				APPLICANT Aser ROTHSTEIN et al.				
				FILING DATE 09/28/2001		GROUP ART UNIT <b>1653</b> Unassigned		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE	
AM	A1	4,132,746	1/1979	URRY et al.	260	857		
	A2	4,179,333	12/1979	BRAEUMER et al.	435	60		
	A3	4,327,078	4/1982	CHARLET et al.	424	45		
	A4	4,419,288	12/1983	CIOCA	260	123.7		
	A5	4,474,763	10/1984	LUBOWE	424	177		
	A6	4,474,851	10/1984	URRY	428	373		
	A7	4,589,882	5/1986	URRY	623	11		
	A8	4,659,740	4/1987	USHER	514	773		
	A9	4,776,853	10/1988	KLEMENT et al.	8	94.11		
	A10	4,870,055	9/1989	URRY et al.	514	12		
	A11	4,960,423	10/1990	SMITH	623	1		
	A12	4,963,656	10/1990	MITANI	530	353		
	A13	4,979,959	12/1990	GUIRE	623	66		
	A14	5,223,420	6/1993	RABAUD et al.	424	425		
	A15	5,250,516	10/1993	URRY	514	17		
	A16	5,416,074	5/1995	RABAUD et al.	514	21		
	A17	5,243,038	9/1993	FERRARI et al.	536	23.1		
	A18	4,753,523	11/1988	URRY et al.	550	323		
	A19	5,336,256	8/1994	URRY et al.	623	1		
	A20	5,519,004	5/1996	URRY	514	7		
	A21	5,527,610	6/1996	URRY	428	373		
	AM	A22	5,969,106	10/1999	ROTHSTEIN et al.	530	353	
FOREIGN PATENT DOCUMENTS								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION	
							YES	NO
AM	A23	39 42 580 A	6/1991	FED. REP. OF GERMANY				
EXAMINER								
Abdel A. Mohamed				DATE CONSIDERED				
				10/20/03				
* EXAMINER: Initial if citation consid red, whether or not citation is in conformanc with MPEP 609; Draw line through citation if n t in conformance and not considered. Includ any c py of this form with next c mmunication to applicant.								

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				FILING DATE 09/28/2001		GROUP ART UNIT <u>163</u> Unassigned	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
<u>Am</u>	A24	0 329 622 A	8/1989	EUROPE			
	A25	98/05685	2/1998	WIPO			
	A26	94/14958	7/1994	WIPO			
	A27	91/16919	11/1991	WIPO			
	A28	95/24478	9/1995	WIPO			
	A29	92/09695	6/1992	WIPO			
	A30	90/05177	5/1990	WIPO			
<u>Am</u>	A31	88/03533	5/1988	WIPO			
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
<u>Am</u>	A32	Zena INDIK et al., "Alternative Splicing of Human Elastin mRNA Indicated by Sequence Analysis of Cloned Genomic and Complementary DNA", August 1987, pages 5680-5684, Vol. 84.					
	A33	G.M. BRESSAN et al., "Relevance of Aggregation Properties of Tropoelastin to the Assembly and Structure of Elastic Fibers", 1986, pages 209-216.					
	A34	Stavros J. HAMODRAKAS et al., "Structural and Functional Features of Drosophila chorion proteins s36 and s38 from <u>Analysis of Primary Structure and Infrared Spectroscopy</u> ", October 1989, pages 307-313, Vol 11.					
	A35	Robson et al., <u>J. Biol. Chem.</u> , Vol., 268, pp.- 1440-1447.					
<u>Am</u>	A36	Cappello, "Protein Engineering For Biomaterials Applications," <u>Curr. Opinion Struct. Biol.</u> , 2:582-86 (1992).					
EXAMINER <u>Ab del A. Mohamed</u>				DATE CONSIDERED <u>10/20/03</u>			
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)							
AM	A37	Alexandra H. SIMMONS et al., "Molecular Orientation and Two-Component Nature of the Crystalline Fraction of Spider Dragline Silk", January 5, 1996, Vol. 271.					
	A38	Debra BEDELL-HOGAN et al. "Oxidation, Cross-linking and Insolubilization of Recombinant Tropoelastin by Purified Lysyl Oxidase", May 15, 1993, pages 10345-10350, Vol. 268.					
	A39	Aleksander HINEK et al., "67-kD Elastin-binding Protein Is a Protective "Companion" of Extracellular Insoluble Elastin and Intracellular Tropoelastin", July 1994, pages 563-574.					
	A40	Zena INDIK et al., "Production of Recombinant Human Tropoelastin: Characterization and Demonstration of Immunologic and Chemotactic Activity", July 1990, pages 80-86, Vol. 280.					
	A41	Paul ROBSON et al, "Characterization of Lamprin, an Unusual Matrix Protein form Lamprey Cartilage", January 15, 1993, pages 1440-1447, Vol. 266.					
	A42	A. H. TAMBURRO, et al. "On The Structure And Elasticity Of Elastin", <u>Advances In Life Sciences</u> 115-27 (1990).					
	A43	Aleksander HINEK "Nature and The Multiple Functions Of The 67-kD Elastin-/Laminin Binding Protein", <u>Cell Adhesion &amp; Comm.</u> 2: 185-93 (1994).					
AM	A44	S. Dutoya et al., "Unexpected Original Property of Elastin Derived Proteins: Spontaneous Tight Coupling With Natural and Synthetic Polymers," <u>Biomaterials</u> 19 (1998) 147-155.					
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